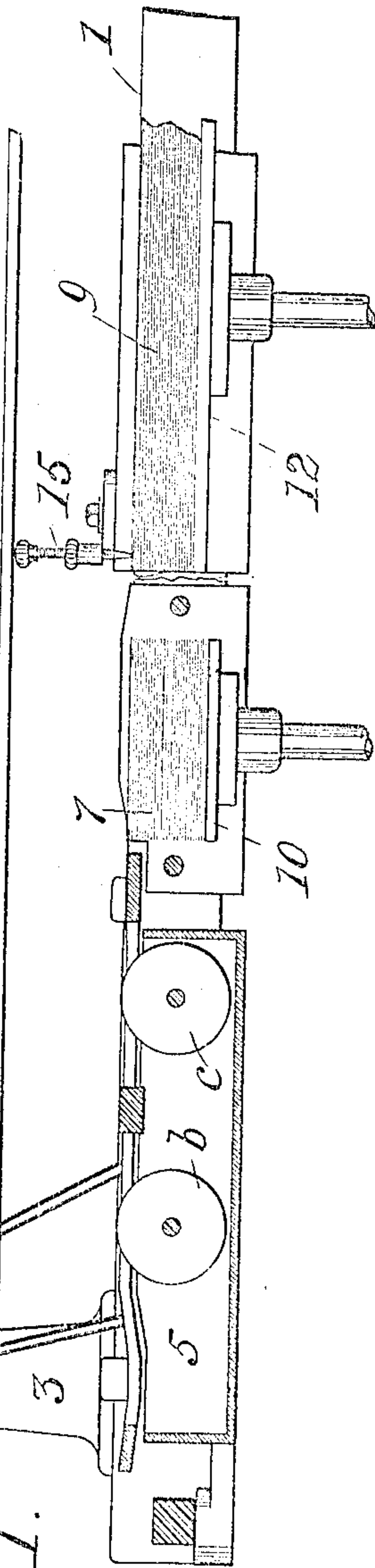
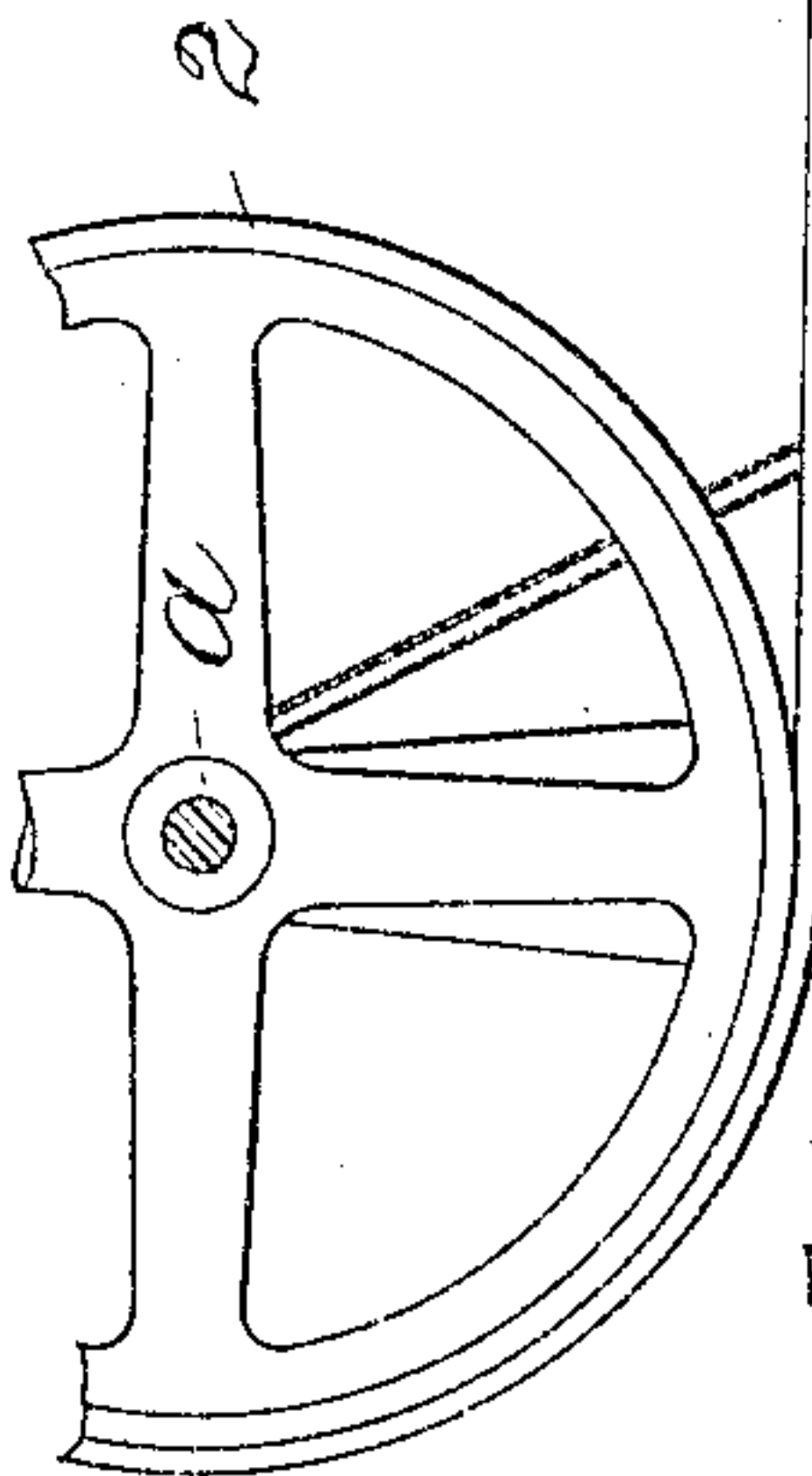
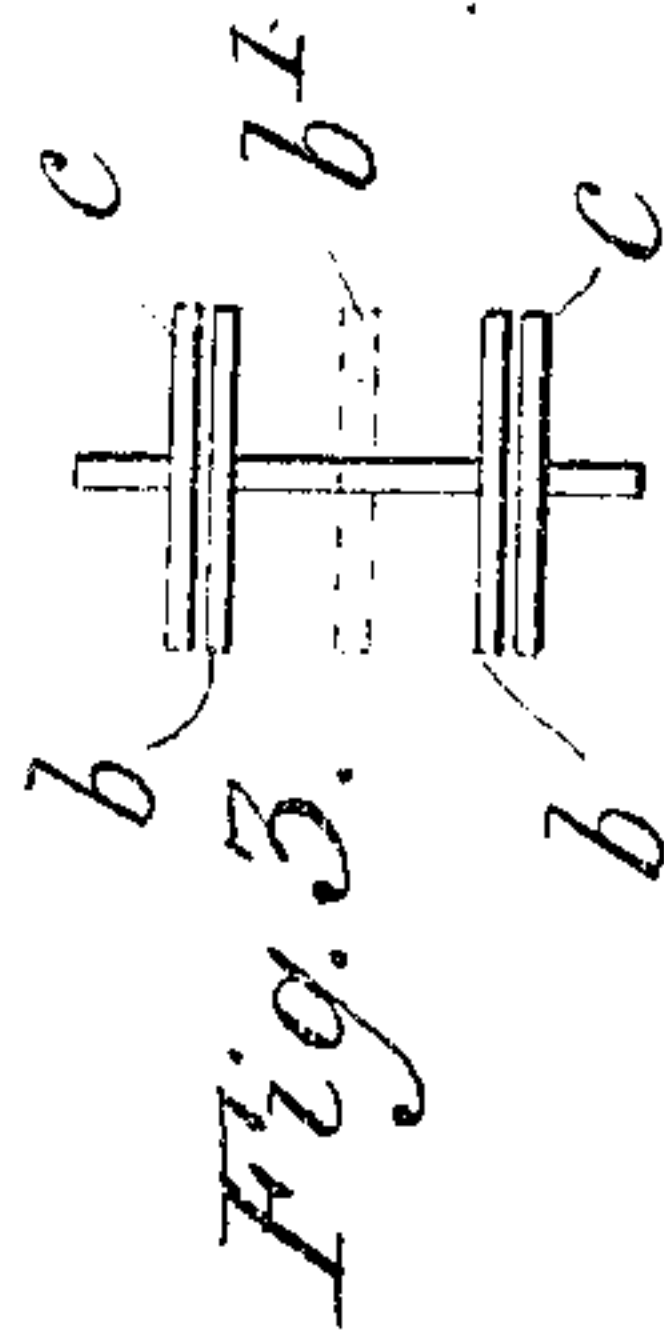
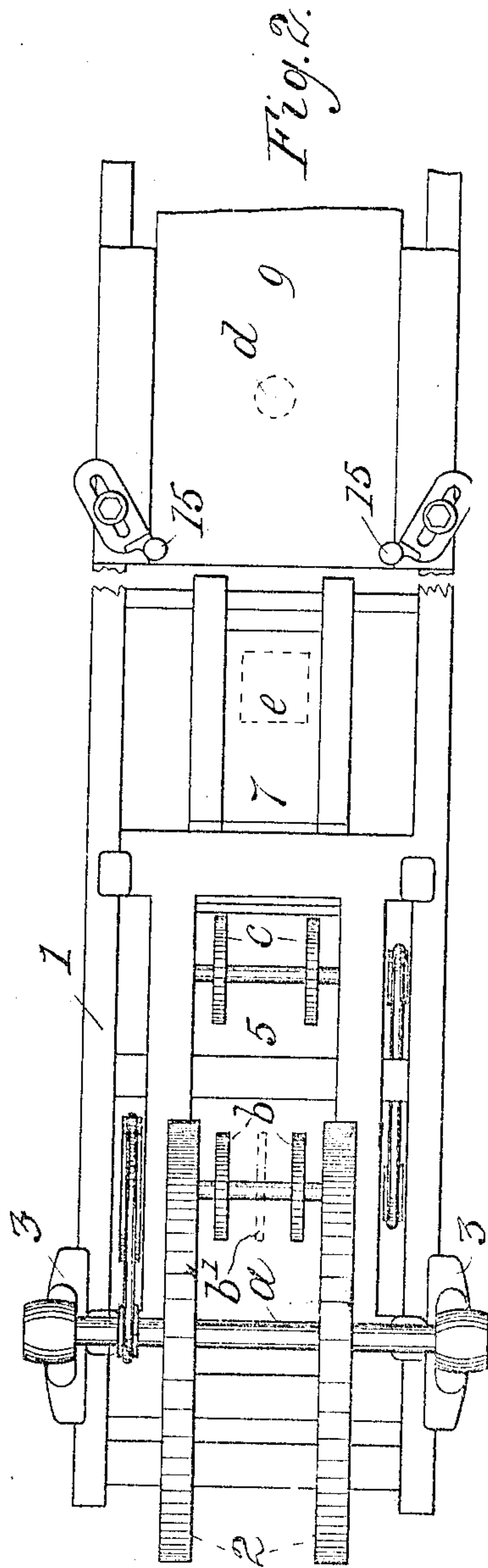


No. 871,745.

PATENTED NOV. 19, 1907

F. W. WILD, JR.
LABELING MACHINE.
APPLICATION FILED MAY 17, 1907.



WITNESSES:
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FREDERICK W. WILD, JR., OF BALTIMORE, MARYLAND, ASSIGNOR TO BURT MACHINE COMPANY, A CORPORATION OF DELAWARE.

LABELING-MACHINE.

No. 871,745.

Specification of Letters Patent.

Patented Nov. 19, 1907.

Application filed May 17, 1907. Serial No. 374,144.

To all whom it may concern:

Be it known that I, FREDERICK W. WILD, Jr., of the city of Baltimore and State of Maryland, have invented certain Improvements in Labeling-Machines, of which the following is a specification.

This invention relates to an improved machine whereby a can is provided with two or more labels or wrappers which are placed one over another, and at one operation of the machine.

In the further description of the said invention which follows, reference is made to the accompanying drawing forming a part hereof, and in which,—

Figure 1 is a partly sectional side view of such parts of the machine as are involved in the present invention, and Fig. 2 a plan of the same. Fig. 3 illustrates a modified construction of a part of the machine.

Referring now to Figs. 1 and 2 of the drawing, 1 is a portion of the bed of the machine, and 2 denotes a pair of pulleys at the entrance end of the machine, which in connection with a similar pair, not shown, at the delivery end of the machine, and endless belts the lower run of one of which is shown in Fig. 1, serves to carry the cans along the bed 1.

The shaft *a* of the pulleys 2 is journaled in standards 3 erected on the bed 1.

5 is a receptacle for paste or cement situated in the path of the cans traversing the bed 1, and *b* represents the first pair of rotary cement-applying disks situated in the said receptacle.

The receptacle 5 is also provided with a second pair of rotary cement-applying disks *c* similar in character to the ones *b* except that the disks are set further apart as shown in Fig. 2, for a purpose hereinafter described.

7 and 9 are respectively, the first and second stack of labels, independently supported by the spring-held tables 10 and 12.

The labels of the stack 7 are narrower than those of the stack 9, as shown in Fig. 2, the former having a width which is less than the length of the can body, while the latter may have a width considerably greater than the length of the cans, in order that their ends may be wrapped over and upon the can heads.

When the wide labels consist of thin and highly glazed sheets the rolling of cans over

them has a tendency to push forward the upper labels, and it is desirable to employ means to prevent this and hold the stack so that the ends of the labels will present a vertical line as shown in Fig. 1.

The devices which I prefer to effect the vertical alinement of the labels consist of vertically and laterally adjustable stems with needle or knife edge points which are forced through a limited number of the upper labels by the upward pressure on the stack, and from which the labels are torn by the cans adhering to the same.

The operation of the machine is as follows: A can in rolling over the first pair of cement-applying disks, the body thereof between the heads receives daubs of the adhesive. In passing to the second pair of cement-applying rolls *c*, the can is again daubed with cement but at places beyond the first daubs or more properly speaking on the flanges of the heads. As the can reaches the first stack of labels it picks up the top label which is wrapped around its body, and upon reaching the second stack 9, in view of the exposure of the daubs of cement received from the second cement disks, the can receives the second label or wrapper and is finally discharged.

It will be understood from the foregoing description that the present invention consists principally in securing on a can, one label or wrapper over another by means of a single machine and at one operation of the same, and that by the daubing of the can where exposed beyond the ends of the first wrapper the second or outer label or wrapper is attached to the can without adhering to the first label and may be removed from the can without interfering with the label beneath.

Instead of having the pairs of cement-applying disks on separate shafts as shown in Figs. 1 and 2, it is within the scope of my invention to place all the disks on a single shaft as shown in Fig. 3; and where in the labeling of paint cans, the color of the contents of the can has to be indicated by the label, the first label attached to the can could consist of a small colored sheet shown in dotted lines in Fig. 2 and marked *e*; and the second label could have a hole *d* through which the colored sheet could be seen. With such an

arrangement, a single central cement-applying disk b^1 would be substituted for the inner pair of disks b shown in Figs. 2 and 3.

I claim as my invention:—

- 5 In a labeling machine adapted to secure one label or wrapper over another, devices to apply cement to a can body where the same is to be covered by a label and to a portion of the can body laterally beyond the label,

combined with a multiplicity of label sup- 10
ports arranged one beyond the other longitudinally of the machine, substantially as specified.

FREDERICK W. WILD, JR.

Witnesses:

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